

Gencore version 4.5  
Copyright (c) 1993 - 2000 Compugen Ltd.

## OM protein - protein search, using sw model.

Run on: March 1, 2001, 16:19:15 ; Search time 46.88 Seconds  
(without alignments)  
Sequence: 10.725 Million cell updates/sec

Title: US-09-331-631a-32  
Perfect score: 76  
Sequence: 1 CXKCXXXCXXXXXXCXXXCXXXC 28  
Scoring table: BLASTN62DX  
Gapop 10.0 , Gapext 0.5

Searched: 174772 seqs, 17957048 residues

Total number of hits satisfying chosen parameters: 174772

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued\_Patents\_AA:\*

1: /cgn2\_6/podata/2/iaa/5A\_COMB.pep: \*  
2: /cgn2\_6/podata/2/iaa/6\_COMB.pep: \*  
3: /cgn2\_6/podata/2/iaa/PCTUS\_COMB.pep: \*  
4: /cgn2\_6/podata/2/iaa/backfiles1.pep: \*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No. Score Match Length DB ID

Description

Result No.	Score	Match	Length	DB ID	Description
1	76	100.0	47	3	US-08-482-088B-91
2	76	100.0	1345	2	US-08-482-088B-91
3	67	88.2	47	1	US-08-451-947-93
4	67	88.2	47	1	US-08-451-947-94
5	67	88.2	47	1	US-08-451-947-95
6	67	88.2	47	1	US-08-451-947-96
7	67	88.2	47	2	US-08-424-826A-93
8	67	88.2	47	2	US-08-424-826A-94
9	67	88.2	47	2	US-08-424-826A-95
10	67	88.2	47	2	US-08-424-826A-96
11	67	88.2	47	3	US-08-928-694-93
12	67	88.2	47	3	US-08-928-694-94
13	67	88.2	47	3	US-08-928-694-95
14	67	88.2	47	3	US-08-928-694-96
15	67	88.2	47	4	PCT-US91-06950-93
16	67	88.2	47	4	PCT-US91-06950-94
17	67	88.2	47	4	PCT-US91-06950-95
18	67	88.2	47	4	PCT-US91-06950-96
19	67	88.2	109	2	US-08-527-044-2
20	67	88.2	109	3	US-08-913-820-80
21	67	88.2	246	2	US-08-704-931-2
22	67	88.2	362	1	US-08-415-751-6
23	67	88.2	486	3	US-08-746-559A-5
24	67	88.2	516	3	US-08-746-559A-4
25	67	88.2	624	3	US-08-424-108-1
26	67	88.2	782	3	US-08-579-823A-4
27	67	88.2	801	1	US-07-906-349A-6

## ALIGNMENTS

RESULT 1  
Sequence 91, Application US/08482085B  
PATENT NO. 6018030  
GENERAL INFORMATION:  
APPLICANT: Ferrari, Franco A.  
APPLICANT: Richardson, Charles  
APPLICANT: Chambers, James  
APPLICANT: Causey, Stuart  
APPLICANT: Pollock, Thomas J.  
APPLICANT: Cappello, Joseph  
APPLICANT: Crissman, John W  
TITLE OF INVENTION: Units of Amino Acids and DNA Sequences Comprising Repetitive Number of Sequences: 112  
Correspondence Address:  
ADDRESSEE: FLehr, Rohbach, Test, Albritton & Herbert  
STREET: Four Embarcadero Center, Suite 3400  
CITY: San Francisco  
STATE: California  
COUNTRY: US  
ZIP: 94111  
Computer Readable Form:  
Medium Type: Floppy disk  
Computer: IBM PC compatible  
Operating System: PC-DOS/MS-DOS  
Software: Patentin Release #1.0, Version #1.30  
Current Application Data:  
Application Number: US/08/482, 085B  
Filing Date: 07-JUN-1995  
Classification: 435  
Prior Application Data:  
Application Number: US 06/927, 258  
Filing Date: 04-NOV-1986  
Prior Application Data:  
Application Number: US 07/114, 618  
Filing Date: 29-OCT-1997  
Prior Application Data:  
Application Number: US 08/053, 049  
Filing Date: 22-APR-1993  
Prior Application Data:  
Application Number: US 08/175, 155  
Filing Date: 29-DEC-1993  
Attorney/Agent Information:  
NAME: Preacarlin, Richard F.  
REGISTRATION NUMBER: 31, 801  
REFERENCE/DOCKET NUMBER: A-55186-6/RFT/MTK  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-398-1989  
TELEFAX: 415-398-3249  
INFORMATION FOR SEQ ID NO: 91:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 47 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: Peptide

RESULT 2 ; Sequence 93, Application US/08451947  
 Query Match 100.0%; Score 76; DB 3; Length 47;  
 Best Local Similarity 21.4%; Pred. No. 8; 8; Mismatches 0;  
 Matches 6; Conservative 22; Mismatches 0; Indels 0; Gaps 0;  
 Qy 1 CXXCXXXCXXXXXXCXXCXXC 28 ; Patent No. 5702906  
 Db 17 CTACATGCATGCACCATCTCGAGCATCC 44

RESULT 3 ; Sequence 93, Application US/08451947  
 Query Match 100.0%; Score 76; DB 3; Length 47;  
 Best Local Similarity 21.4%; Pred. No. 8; 8; Mismatches 0;  
 Matches 6; Conservative 22; Mismatches 0; Indels 0; Gaps 0;  
 Qy 1 CXXCXXXCXXXXXXCXXCXXC 28 ; Patent No. 5702906  
 Db 17 CTACATGCATGCACCATCTCGAGCATCC 44

US-08-482-085B-91

RESULT 3 ; Sequence 93, Application US/08451947  
 Query Match 100.0%; Score 76; DB 3; Length 47;  
 Best Local Similarity 21.4%; Pred. No. 8; 8; Mismatches 0;  
 Matches 6; Conservative 22; Mismatches 0; Indels 0; Gaps 0;  
 Qy 1 CXXCXXXCXXXXXXCXXCXXC 28 ; Patent No. 5702906  
 Db 17 CTACATGCATGCACCATCTCGAGCATCC 44

GENERAL INFORMATION:  
 APPLICANT: GENENTECH, INC.  
 APPLICANT: ROSENTHAL, ARNON  
 TITLE OF INVENTION: NOVEL NEUROTROPHIC FACTOR  
 NUMBER OF SEQUENCES: 100  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Genentech, Inc.  
 STREET: 460 Point San Bruno Blvd  
 CITY: South San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94080

COMPUTER READABLE FORM:  
 COMPUTER TYPE: 5.25 inch, 360 Kb floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: patin (Genentech)  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/451,947  
 FILING DATE:  
 CLASSIFICATION: 514  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/426419  
 FILING DATE: 19-APR-1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/030013  
 FILING DATE: 22-MAR-1993  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 07/648482  
 FILING DATE: 31-JAN  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 07/587707  
 FILING DATE: 1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Torchia, Timothy E.  
 REGISTRATION NUMBER: 36,700  
 REFERENCE/DOCKET NUMBER: 666P2C1D2  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 415/225-8674  
 TELEFAX: 415/952-9881  
 TELEX: 91071-7168

INFORMATION FOR SEQ ID NO: 93:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 47 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

IMMEDIATE SOURCE:  
 LIBRARY: GenBank  
 CLONE: 1532042

RESULT 4 ; Sequence 94, Application US/08451947  
 Query Match 88.2%; Score 67; DB 1; Length 47;  
 Best Local Similarity 18.5%; Pred. No. 41; 8; Mismatches 0;  
 Matches 5; Conservative 22; Mismatches 0; Indels 0; Gaps 0;  
 Qy 1 CXXCXXXCXXXXXXCXXCXXC 27 ; Patent No. 5702906  
 Db 1 CGCGCGCTAGACTGACAGCT 27

RESULT 4 ; Sequence 94, Application US/08451947  
 Query Match 100.0%; Score 76; DB 2; Length 1345;  
 Best Local Similarity 21.4%; Pred. No. 2.5e+02; Mismatches 6; Conservative 22; Mismatches 0; Indels 0; Gaps 0;  
 Qy 1 CXXCXXXCXXXXXXCXXCXXC 28 ; Patent No. 5702906  
 Db 1 CGCGCGCTAGACTGACAGCT 27

GENERAL INFORMATION:  
 APPLICANT: GENENTECH, INC.  
 APPLICANT: ROSENTHAL, ARNON

NUMBER OF SEQUENCES: 100  
 TITLE OF INVENTION: NOVEL NEUROTROPHIC FACTOR  
 NUMBER OF SEQUENCES: 100  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Genentech, Inc.  
 STREET: 460 Point San Bruno Blvd  
 CITY: South San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94080  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: patin (Genentech)  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/451,947  
 FILING DATE:  
 CLASSIFICATION: 514  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/426419  
 FILING DATE: 19-APR-1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/030013  
 FILING DATE: 22-MAR-1993  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 07/648482  
 FILING DATE: 31-JAN-  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 07/587707  
 FILING DATE: 1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Tortchia, Timothy E.  
 REGISTRATION NUMBER: 36,700  
 REFERENCE/DOCKET NUMBER: 660P2C1D2  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 415/221-8674  
 TELEFAX: 415/952-9881  
 TELEX: 910/371-7168  
 INFORMATION FOR SEQ ID NO: 94:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 47 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 8-451-947-94  
 LT  
 5  
 8-451-947-95  
 quence 95, Application US/08451947  
 tent No. 5702906  
 GENERAL INFORMATION:  
 APPLICANT: GENENTECH, INC.  
 APPLICANT: ROSENTHAL, ARNON  
 APPLICANT: ROSENTHAL, ARNON  
 TITLE OF INVENTION: NOVEL NEUROTROPHIC FACTOR  
 NUMBER OF SEQUENCES: 100  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Genentech, Inc.  
 STREET: 460 Point San Bruno Blvd  
 CITY: South San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94080  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: patin (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/451, 947  
FILING DATE:  
CLASSIFICATION: 514  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: 08/426419  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: 08/030013  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: 07/648482  
FILING DATE: 31-JAN  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/587707  
ATTORNEY/AGENT INFORMATION:  
NAME: Torchia, Timothy E.  
REGISTRATION NUMBER: 36,700  
REFERENCE/DOCKET NUMBER: 666P2C1D2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415/225-8874  
TELEFAX: 415/952-9881  
TELEX: 910371-T168  
INFORMATION FOR SEQ ID NO: 95:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 47 amino acids  
TYPE: amino acid  
TOPOLOGY: linear

US 08-451-947-95

Query Match		Score 88.2%	DB 1;	Length 47;
Best Local Matches	Similarity 5;	Prod. No. 41;	Mismatches 0;	Indels 0;
Prior Application Data:	Conservative	22;		Gaps 0;
RESULT	6			
US-08-451-947-96				
; Sequence 96; Application US/08451947				
; Patent No. 5703906				
; GENERAL INFORMATION:				
; APPLICANT: GENENTECH, INC.				
; APPLICANT: ROSENTHAL, ARNON				
; TITLE OF INVENTION: NOVEL NEUROTROPIC FACTOR				
; NUMBER OF SEQUENCES: 100				
; CORRESPONDENCE ADDRESS:				
; ADDRESSEE: Genentech, Inc.				
; STREET: 460 Point San Bruno Blvd				
; CITY: South San Francisco				
; STATE: California				
; COUNTRY: USA				
; ZIP: 94080				
; COMPUTER READABLE FORM:				
; MEDIUM TYPE: 5, 25 inch, 360 Kb floppy disk				
; COMPUTER: IBM PC compatible				
; OPERATING SYSTEM: PC-DOS/MS-DOS				
; SOFTWARE: Patin (Genentech)				
; CURRENT APPLICATION DATA:				
; APPLICATION NUMBER: US/08/451, 947				
FILING DATE:				
CLASSIFICATION: 514				
PRIOR APPLICATION DATA:				
APPLICATION NUMBER: 08/426419				
FLILING DATE: 19-APR-1995				
PRIOR APPLICATION DATA:				

APPLICATION NUMBER: 08/030013  
 FILING DATE: 22-MAR-1993  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 07/648482  
 FILING DATE: 31-JAN-1991  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 07/587707  
 FILING DATE: 1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Torchia, Timothy E.  
 REFERENCE/DOCKET NUMBER: 36,700  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 415/225-8674  
 TELEX: 910/371-7168  
 INFORMATION FOR SEQ ID NO: 94:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 47 amino acids  
 TYPE: Amino Acid  
 TOPOLOGY: Linear  
 US-08-424-826A-93

RESULT 7  
 US-08-424-826A-93  
 Sequence 93, Application US/08424826A  
 Patent No. 5,830858

GENERAL INFORMATION:  
 APPLICANT: Rosenthal, Arnon  
 TITLE OF INVENTION: NOVEL NEUROTROPHIC FACTOR  
 NUMBER OF SEQUENCES: 98  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Genentech, Inc.  
 STREET: 460 Point San Bruno Blvd  
 CITY: South San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94080

COMPUTER READABLE FORM:  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk  
 COMPUTER: IBM PC compatible DOS  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: WinPatin (Genentech)  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/424,826A  
 FILING DATE: 19-Apr-1995  
 CLASSIFICATION: 514  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 08/240387  
 FILING DATE: 10-May-1994  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 07/648482  
 FILING DATE: 31-JAN-1991  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 07/587707  
 FILING DATE: 19-Apr-1995  
 CLASSIFICATION: 514  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 07/240387  
 FILING DATE: 10-May-1994  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 07/648482  
 FILING DATE: 31-JAN-1991  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 07/587707  
 FILING DATE: 25-SEP-1990  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Torchia, PhD., Timothy E.  
 REFERENCE/DOCKET NUMBER: 36,700  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 415/225-8674  
 TELEX: 910/371-7168  
 INFORMATION FOR SEQ ID NO: 94:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 47 amino acids  
 TYPE: Amino Acid  
 TOPOLOGY: Linear  
 US-08-424-826A-94

Query Match 88.2%; Score 67; DB 2; Length 47;  
 Best local Similarity 18.5%; Pred. No. 41;  
 Matches 5; Conservative 22; Mismatches 0; Indels 0; Gaps 0;

Query Match 88.2%; Score 67; DB 2; Length 47;  
 Best local Similarity 18.5%; Pred. No. 41;  
 Matches 5; Conservative 22; Mismatches 0; Indels 0; Gaps 0;

Query 1 CXXCXXXCXXXXXXCXXCXX 27  
 Db 1 CGCGGCTCTAGAGTCGACAGCAGT 27

RESULT 8  
 US-08-424-826A-94  
 Sequence 94, Application US/08424826A  
 Patent No. 5830858

GENERAL INFORMATION:  
 APPLICANT: Rosenthal, Arnon  
 TITLE OF INVENTION: NOVEL NEUROTROPHIC FACTOR  
 NUMBER OF SEQUENCES: 98  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Genentech, Inc.  
 STREET: 460 Point San Bruno Blvd  
 CITY: South San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94080

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk  
 COMPUTER: IBM PC compatible DOS  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: WinPatin (Genentech)  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/424,826A  
 FILING DATE: 19-Apr-1995  
 CLASSIFICATION: 514  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 08/240387  
 FILING DATE: 10-May-1994  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 07/648482  
 FILING DATE: 31-JAN-1991  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 07/587707  
 FILING DATE: 19-Apr-1995  
 CLASSIFICATION: 514  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 07/240387  
 FILING DATE: 10-May-1994  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Torchia, PhD., Timothy E.  
 REFERENCE/DOCKET NUMBER: 36,700  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 415/225-8674  
 TELEX: 910/371-7168  
 INFORMATION FOR SEQ ID NO: 94:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 47 amino acids  
 TYPE: Amino Acid  
 TOPOLOGY: Linear  
 US-08-424-826A-94

Query Match 88.2%; Score 67; DB 2; Length 47;  
 Best local Similarity 18.5%; Pred. No. 41;  
 Matches 5; Conservative 22; Mismatches 0; Indels 0; Gaps 0;

Query 1 CXXCXXXCXXXXXXCXXCXX 27  
 Db 1 CGCGGCTCTAGAGTCGACAGCAGT 27

Db 1 CCGGCCCTAGAGTCGACAAACCAAT 27

RESULT 9

US-08-424-826A-95

Patent No. 5,830558  
Sequence 95, Application US/08424826A

GENERAL INFORMATION:

APPLICANT: Rosenthal, Arnon

TITLE OF INVENTION: NOVEL NEUROTROPHIC FACTOR

NUMBER OF SEQUENCES: 98

CORRESPONDENCE ADDRESS:

ADDRESSEE: Genentech, Inc.

STREET: 460 Point San Bruno Blvd

CITY: South San Francisco

STATE: California

ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WinPatin (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/424,826A

FILING DATE: 19-APR-1995

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/424,826A

FILING DATE: 19-APR-1995

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/240387

FILING DATE: 10-May-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/648482

FILING DATE: 31-JAN-1991

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/587707

FILING DATE: 25-SEP-1990

ATTORNEY/AGENT INFORMATION:

NAME: Torchia, Ph.D., Timothy E.

REGISTRATION NUMBER: 36,700

REFERENCE/DOCKET NUMBER: P0666P1C2

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415/225-8674

TELEFAX: 415/952-9881

TELEX: 910/371-7168

INFORMATION FOR SEQ ID NO:

SEQUENCE CHARACTERISTICS: 96:

LENGTH: 47 amino acids

TYPE: Amino Acid

TOPOLOGY: Linear

RESULT 10

US-08-424-826A-96

Sequence 96, Application US/08424826A

Patent No. 5,830858

GENERAL INFORMATION:

APPLICANT: Rosenthal, Arnon

TITLE OF INVENTION: NOVEL NEUROTROPHIC FACTOR

NUMBER OF SEQUENCES: 100

CORRESPONDENCE ADDRESS:

ADDRESSEE: Genentech, Inc.

STREET: 1 DNA Way

CITY: South San Francisco

STATE: California

ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WinPatin (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/928,694

FILING DATE: 12-SEP-1997

CLASSIFICATION: 424

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/451947

FILING DATE: 26-MAY-1995

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/426419  
 FILING DATE: 19-APR-1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/030013  
 FILING DATE: 22-MAR-1993  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 07/648482  
 FILING DATE: 31-JAN-1993  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 07/587707  
 FILING DATE: 1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Torchia, Ph.D., Timothy E.  
 REGISTRATION NUMBER: 36,700  
 REFERENCE/DOCKET NUMBER: P0666P2C1D2C1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 650/952-9881  
 TELEFAX: 650/952-8674  
 INFORMATION FOR SEQ ID NO: 93:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 47 amino acids  
 TYPE: Amino Acid  
 TOPOLOGY: Linear  
 US-08-928-694-93

Query Match 88.2%; Score 67; DB 3; Length 47;  
 Best Local Similarity 18.5%; Pred. No. 41;  
 Matches 5; Conservative 22; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXCXXXXXCCCCCCCCCCCCCXXXXCXXCXX 27  
 Db 1 CGCGCCCTCTAGAGTCGACAGCAGT 27

RESULT 12  
 US-08-928-694-94  
 Sequence 94, Application US/08928694  
 Patent No. 6037320  
 GENERAL INFORMATION:  
 APPLICANT: ROSENTHAL, ARNON  
 TITLE OF INVENTION: NOVEL NEUROTROPIC FACTOR  
 NUMBER OF SEQUENCES: 100  
 CORRESPONDENCE ADDRESS:  
 ADDRESS: Genentech, Inc.  
 STREET: 1 DNA Way  
 CITY: South San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94080  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Winpatic (Genentech)  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/928,694  
 FILING DATE: 12-Sep-1997  
 CLASSIFICATION: 424  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/451947  
 FILING DATE: 26-MAY-1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/426419  
 FILING DATE: 19-APR-1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/030013  
 FILING DATE: 22-MAR-1993  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 07/648482  
 FILING DATE: 31-JAN-1993  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/030013  
 FILING DATE: 22-MAR-1993  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 07/648482  
 FILING DATE: 31-JAN-1993  
 PRIOR APPLICATION DATA:

Query Match 88.2%; Score 67; DB 3; Length 47;  
 Best Local Similarity 18.5%; Pred. No. 41;  
 Matches 5; Conservative 22; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXCXXXXXCCCCCCCCCCCCCXXXXCXXCXX 27  
 Db 1 CGCGGGCTCTAGAGTCGACAAACAT 27

RESULT 13  
 US-08-928-694-95  
 Sequence 95, Application US/08928694  
 Patent No. 6037320  
 GENERAL INFORMATION:  
 APPLICANT: ROSENTHAL, ARNON  
 TITLE OF INVENTION: NOVEL NEUROTROPIC FACTOR  
 NUMBER OF SEQUENCES: 100  
 CORRESPONDENCE ADDRESS:  
 ADDRESSE: Genentech, Inc.  
 STREET: 1 DNA Way  
 CITY: South San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94080  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Winpatic (Genentech)  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/928,694  
 FILING DATE: 12-Sep-1997  
 CLASSIFICATION: 424  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/451947  
 FILING DATE: 26-MAY-1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/426419  
 FILING DATE: 19-APR-1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/030013  
 FILING DATE: 22-MAR-1993  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 07/648482  
 FILING DATE: 31-JAN-1993  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 07/587707  
 FILING DATE: 1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Torchia, Ph.D., Timothy E.  
 REGISTRATION NUMBER: 36,700  
 REFERENCE/DOCKET NUMBER: P0666P2C1D2C1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 650/952-9881  
 TELEFAX: 650/952-8674  
 INFORMATION FOR SEQ ID NO: 94:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 47 amino acids  
 TYPE: Amino Acid  
 TOPOLGY: Linear  
 US-08-928-694-94

INFORMATION FOR SEQ ID NO: 95:

SEQUENCE CHARACTERISTICS:  
LENGTH: 47 amino acids  
TYPE: Amino Acid  
TOPOLOGY: Linear  
US-08-928-694-95

Query Match 88.2%; Score 67; DB 3; Length 47;  
Best Local Similarity 18.5%; Pred. No. 41;  
Matches 5; Conservative 22; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXCXXXCXXXXXXCXXCXXX 27  
|::|::|::|::|::|::|::|::|::|::|::|:  
Db 1 CGCGCGCTCTAGAGTCGACAAAGCACT 27

RESULT<sup>T</sup> 14  
US-08-928-694-96  
Sequence 95, Application US/08928694  
Patent No. 6037320

GENERAL INFORMATION:  
APPLICANT: ROSENTHAL, ARNON  
TITLE OF INVENTION: NOVEL NEUROTROPHIC FACTOR  
NUMBER OF SEQUENCES: 100

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genentech, Inc.  
STREET: 1 DNA Way  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WinPatin (Genentech)

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/928, 694  
FILING DATE: 12-Sep-1997  
CLASSIFICATION: 424

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/451947  
FILING DATE: 26-MAY-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/426419  
FILING DATE: 19-APR-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/030013  
FILING DATE: 22-MAR-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/648482  
FILING DATE: 31-JAN  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/587707  
FILING DATE: 1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Hensley, Max D.  
REGISTRATION NUMBER: 27, 043  
REFERENCE/DOCKET NUMBER: 666P1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415/266-1994  
TELEFAX: 415/952-9881  
TELEX: 910/371-7168  
INFORMATION FOR SEQ ID NO: 93:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 47 amino acids  
TYPE: AMINO ACID  
TOPOLOGY: Linear  
PCP-US91-06950-93

Query Match 88.2%; Score 67; DB 4; Length 47;  
Best Local Similarity 18.5%; Pred. No. 41;  
Matches 5; Conservative 22; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXCXXXCXXXXXXCXXCXXX 27  
|::|::|::|::|::|::|::|::|::|::|::|:  
Db 1 CGCGCGCTCTAGAGTCGACAAAGCACT 27

RESULT 15  
PCP-US91-06950-93  
Sequence 93, Application PC/US9106950  
GENERAL INFORMATION:  
APPLICANT: GENENTECH, INC.  
TITLE OF INVENTION: NOVEL NEUROTROPHIC FACTOR  
NUMBER OF SEQUENCES: 100

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genentech, Inc.  
STREET: 460 Point San Bruno Blvd  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080

COMPUTER READABLE FORM:  
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: patin (Genentech)

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCP/US91/06950  
FILING DATE: 19910524  
CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/648482  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/587707  
ATTORNEY/AGENT INFORMATION:  
NAME: Hensley, Max D.  
REGISTRATION NUMBER: 27, 043  
REFERENCE/DOCKET NUMBER: 666P1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415/266-1994  
TELEFAX: 415/952-9881  
TELEX: 910/371-7168  
INFORMATION FOR SEQ ID NO: 93:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 47 amino acids  
TYPE: AMINO ACID  
TOPOLOGY: Linear  
PCP-US91-06950-93

Search completed: March 1, 2001, 16:19:16  
Job time: 509 sec

Query Match 88.2%; Score 67; DB 3; Length 47;  
Best Local Similarity 18.5%; Pred. No. 41;  
Matches 5; Conservative 22; Mismatches 0; Indels 0; Gaps 0;  
US-08-928-694-96

